### SCIENCE AND ART.

# worytechnic Association American In-

A regular meeting was held on Thursday ming, March 3, 1864, SAMUEL D. TILLMAN presiding. After some desultory conversation on the value of an tavention which is to be subjected to further test, the rman presented the following summary of scientific

a condenser.

In ordinary business transactions 20 per cent is con-

engine, the heat in the steam must be absenced. This is done by bringing it in Democrats with them that they could not get for T. H. Seymour last year, but I think they will see through the faces. In the jet condensor the steam is the condensing water, which absorbe the condensing water, which absorbe the condensing water, which absorbe the condensing water is used to condense the steam, of all water is used to condense the steam, re supplied with the same, re supplied with the same, of any through thin metal tubes, by a rother device, under pressure of 1 to 2 for the evice, under pressure of 1 to 2 for the engine to operate.

It was given out that they would reaffirm their platform is a configuration, which declarations of jets, but they have so be expressed themselves us leave room for questions as to expressed themselves us leave room for questions as to the real purpose. Their declaration is simply "a harp of a thousand strings." "The intent not the dead configuration of the significance of the significance

was fairly elected President of the United States; that the Rebellion has prevented him from exercising the full sovereignty to which he was called by the popular voice; that this voice should not be stifled nor builded.

One of the most useful improvements for the One of the most useful improvements for the benefit of the soldier in the field, on a march, in camp. and in temporary hospitals, has been made by Corp.

Granville Abbott of Company I, 31st Indiana Volunteors, forming part of the Army of the Cumberland.

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190 This improvement consists of an arrangement which is called a Hammock-Kanpenck, by which a simple and 200

iter-tent of the simplest and most pariest user-priors, s cords which pass along each side of the hammook and four or tive feet, safficient to form a suitable area of sitachment to tree sor other means of support on may be most convenient. The hammook-knap-

propered. These hired foreign pipers could not be engaged to play for the men whom Pres. King addressed as Fellow soldiers and fellow countrymen! [Langhter.] How true it is that those who dwell themselves nearest the condition of bondage, are themselves most jealous of others being raised above that condition. To secure the black men freed from the bondage of Slavery from the despotism of these foreign bucksters and musicians, is now to be our greatest difficulty. I feel deeply auxious upon this subject, and with these few remarks I will close desiring with you to hear from my friend, who

## COMMERCIAL MATTERS

The control of the first being from the product of the control of

Co., 611 2614. Coal stocks lower. Delaware and Hud-Co., 6142614. Coal stocks lower. Detaware and House or individual, incorson, 220122204. The Ashburton Coal Co. sold at 602 at the time of the may, at any time we have not a sold at a sold at a sold and the contract of the sold and the contract of the sold at a sold and the contract of the sold at a sold and the contract of the sold at a sold at 624, and was in demand by parties who are large holders of the established mines upon the same veins. in Cumberland, which fell to 77 278, a fall of 18 P cent from yesterday; American fell to 108@109, and Central to 83; Quicksilver Mining Co., 61@614; Minnesota Mining Co., 78-280; Pacific Mail, 237-2237; Central Transit Co., 47-248; New-York Central, 137-2137; Eric stood as releasing very active, closing at 1201@120j, one house buying pay an Hudson River, 1504 20151; Harlam, 147; do. Preferred, their concerns. 9,600 shares on the call; Erie Preferred, 108; 2109; 130 2 139; Reading, 139 2 140; Michigan Central, 1422 1424. Stocks have been feverish all day, but closed and stendily at quotations. The reaction in prices was very natural, and did not occur prematurely. Prices we been steadily rising for several days, and in Coal Shares the most rampant speculation known for shown, and spread through the whole list, without, producing a more serious fall than is often not selling high upon gold at par. Cumberland, which sold at 96 yesterday, fell to 75, raffying to 86@87, a fluctuation of \$33.4 share, while New-York Central and Eric varied hardly one P cent. Government Steeks were steady. State Stocks and Railway Mortgages are strong, and no large amount Trailer could have been obtained at quotations. Bank Stocks good So are strongly held, especially those holding large amounts of Government Stocks. Pacific Mail was active and better firm. Eric and New-York Central were firm, and for the latter there was a special demand on time. Rock Island, in which there has been a good deal of specularity or full to lost being full to lost active but was well sustained. The Preferred Stock of with the The rest of the Western list fell off and in some cases strong. After the Second Board prices were strong, and the disposition to buy revived. Miscellaneous Shares were active: Quartz Hill, 194; Rutland Marbie, 234; Copake, 124; Nicaragua Transit, 2). Mariposa sold at 42, and was in The closing prices were: Gold, 165; Erle, 1224; Hudson River, 1514; Hartens, 1494; Reading, 140; Michigan Central, 142; Michigan Southern, 102; Toledo, 1484; Rock Island, 1254; North-Western, 644; Fort Wayne, 129; Prarire Du Chien, 74; Terre Haute, Transit, 48; Canton, 641; Quicksilver, 64; Cumberland Coal, 887 Central Coal, 917; Wyoming Coal, 1007; Burtou and Quincy, 144; Quartz Hill, 194; Mariposo, 42. Freights are fairly active, but at lower rates

especially for Grain to Liverpool, but to other ports engagements are: 26,000 bush. Wheat at 6d. in bags; bbls. Flour at 1s. 9d.; 800 do. do. at 1s. 7kd.; 600 do. low at 17s. 6d : per neutral vessel, 500 bhis. Pork at 3s. London: 80 tes. Beef at 4s.; 625 boxes Bacon at 18s. 9d.; Flour to fill up at 1s. 10 d., and 100 boxes Bacon at 22s. Flour to hit up at 12. Flour at 2s.; 100 boxes Basine the above 6d. To Glasgow: 200 bbls. Flour at 2s.; 100 boxes Basine the above con at 20s., and per neutral vessel, 50 tuns Provisions at con, and 10 tuns Merchandise on terms not disclosed, es at 45 francs. To Marseilles, 500 pkgs. Lard on private terms, and 20 tuns Measurement Goods at 55 francs. charters are a Danish brig of 250 tuns with a general argo to Rotterdam at 30s, per tun; a Dutch brig with 8.060 bushels Wheat, to Cork for orders, at 6s. per imperial quarter; a neutral brig to Operto with Wheat at acceptance and an American schooler to St. Pierre, an Guadaloupe, at 75c, per bbl., payable in gold. The car- 1,131 bbls.
RICE—The morket is Flour, 1s. 7id. 2 1s. 9d.; Wheat, 6d.; Heavy Goods, fing, Flour, 2s.; Wheat, 7d.; Heavy Goods, 22s. 6d.

The business of the Sub-Treasury was: Re- st the same rat eints: \$1,512,101 05-for Customs, \$290,000; Payments, \$2,534,714 77. Balance, \$34,650,284 70.

Money is quoted more active by some houses, but at 5 26 P cent the supply is large and in excess of mand; sales of 33.000 fts the wants of stock houses. Upon purely fancy shares 7 re is nothing known with certainty about the time

firm and in demand. Border-State stocks lower. Ten- National and State Be nesse 6s, 62 2624; Georgia 6s, 58 260; Missouri 6s, 724 enabling act, introduced into the L @73; California 7s, 130; 7.30 Notes, 1121 @113; Canton Cook, will be of interest: